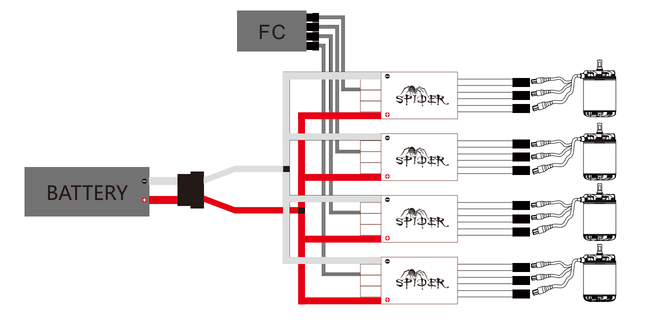
Spider-Series Brushless ESC User Manual

Thank you for purchasing ZTW Spider Series Brushless Electronic Speed Controller (ESC). Spider series ESCs are especially designed to meeting the demand of ever popular multirotors. Spider ESCs carry the features and workmanship of our products has been. Most of all the stability of this series will keep your craft safe in the air This product is no toy, please use it carefully. ZTW and its reseller are not responsible for your use of this product, or any damage or injuries you may cause or sustain as a result of it's usage.

Connecting your ESC:

- Connect your controller with motor wires.
- Solder appropriate connectors to the battery wires.
- Insulate all solder connectors with heat shrink tubes.
- Plug signal cable into throttle channel in the receiver.
- Red and Black wires from ESC should connect to battery pack Red and Black wires respectively.



Features:

- Use new generation of the MOSFETs to make sure the ESC low heating and high reliability .
- Supports high RPM motors, can be matched with most of the motors in the RC market .
- Super smooth and accurate throttle linearity
- Super fast Refresh Rate up to 600Hz
- Extremely low internal resistance

Specifications:

Type	PN#Model	Cont./Burst Current(A)	Max.Power W	Battery cell NiXX/Lipo	Weight (g)	BEC Output	Size(mm) W*L*H	User Program
Spider 20A OPTO	5020301	20A\30A	380	5-18NC /2-6Lipo	23	NONE	25*43*9	NO
Spider 30A OPTO	5030301	30A\40A	500	5-18NC /2-6Lipo	25	NONE	25*43*9	NO
Spider 40A OPTO	5040301	40A\50A	630	5-18NC /2-6Lipo	33	NONE	27*52*10	NO
Spider 50A OPTO	5050301	50A\60A	750	5-18NC /2-6Lipo	48	NONE	37*52*10	NO
Spider 60A OPTO	5060301	60A\70A	880	5-18NC /2-6Lipo	50	NONE	37*52*10	NO

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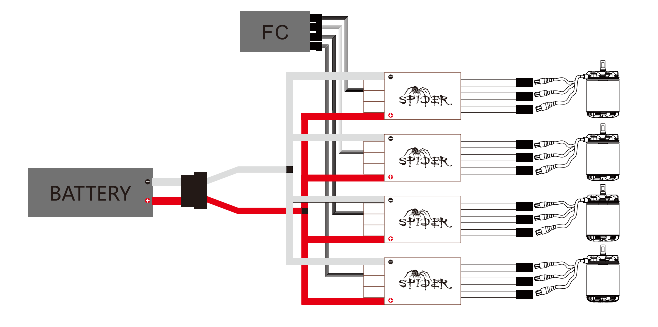


Spider系列无刷电子调速器说明书

感谢购买中特威Spider系列多轴电调。 中威特Spider多轴系列是为了迎合当前多轴市场的需求而专门设计的产品，此系列产品柄承了中特威一惯的做工与工艺，拥有极佳的油门曲线，马达启动顺滑，最重要的是极好的稳定性保障了飞机在空中的安全。产品安装容易使用方便，是当前市场上多轴电调的不二选择。郑重声明此产品不是玩具， 未成年人在成人的监督下使用。中特威对于在使用过程中造成的损失，伤害不负任何责任。

电调接线：

- 电调的马达线与马达连接。
- 电池上焊好与电调相对应的接头。
- 用热缩套管进行绝缘。
- 电调信号线插到接收机动力通道。
- 最后电池与电调连接（注意正负极，避免短路)



特性:

- 采用新一代MOS管，保证电调超低发热，超高的稳定性。
- 支持RPM马达，可兼容模型市场几乎所有的马达。
- 马达启动顺滑，油门曲线极佳。
- 支持高达600Hz的信号频率。
- 超低内阻。

产品规格表：

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